What is claimed is:

    1.   A monitoring apparatus capable of acquiring
information by communication from at least one image
5   forming apparatus to be monitored and communicating with
a management apparatus, comprising;

    an e-mail device that carries out communication
with the management apparatus by e-mail;

    a processing device operable when said e-mail
10   device has received second modules for updating first
modules, on which the monitoring apparatus operates,
from the management apparatus by e-mail, to
automatically update the first modules in operation to
the second modules;

15   an information collecting device that collects
version information on the first modules when said e-
mail device has received a version information
acquisition request from the management apparatus by e-
mail; and

20   a returning device that sends the version
information collected by said information collecting
device to the management apparatus by return e-mail.

    2.   A monitoring apparatus according to claim 1,
further comprising:

25   a receiving device that receives an update
instruction e-mail containing at least the second
modules and an install script, and an acquisition

request e-mail requesting acquisition of the version

information indicative of versions of respective ones of

the first modules in the monitoring apparatus and a

version of the monitoring apparatus as a whole;

5   wherein said processing device activates the

install script contained in the update instruction e-

mail received by said receiving device, and updates the

first modules in operation to the second modules

contained in the update instruction e-mail received by

10 said receiving device, and said information collecting

device collects the version information in response to

the acquisition request e-mail received by said

receiving device, and said returning device sends the

version information collected by said information

15 collecting device to the management apparatus by return

e-mail.

    3.   A monitoring apparatus according to claim 1,

comprising a decoding device that decodes contents of an

e-mail received by said e-mail device, and wherein said

20 processing device interprets an instruction from the

management apparatus from the contents of the received

e-mail decoded by said decoding device, and performs

processing according to the interpreted contents of the

e-mail.

25   4.   A management apparatus capable of managing a

plurality of monitoring apparatuses that acquire

information by communication from a plurality of image

forming apparatuses to be monitored, comprising:

an instructing device that collectively instructs the plurality of monitoring apparatuses to update first modules, on which the plurality of monitoring

5   apparatuses operate, to second modules by e-mail;

an acquisition requesting device that collectively gives a request for acquisition of version information on the first modules to the plurality of monitoring apparatuses by e-mail; and

10   an acquisition device that acquires the version information from the plurality of monitoring apparatuses as replies to e-mails for requesting acquisition of the version information sent by said acquisition requesting device.

15   5.   A management apparatus according to claim 4, wherein said instructing device collectively transmits update instruction e-mails containing at least the second modules for updating the first modules of respective ones of the plurality of monitoring

20   apparatuses and an install script to the plurality of monitoring apparatuses, said acquisition requesting device collectively transmits acquisition request e-mails for requesting acquisition of version information indicative of versions of respective ones of the modules

25   in each of the plurality of monitoring apparatuses and a version of each of the plurality of monitoring apparatuses as a whole to the plurality of monitoring

apparatuses, and said acquisition device receives the version information from the plurality of monitoring apparatuses as replies to the acquisition request e-mails transmitted by said acquisition requesting device.

5   6.   A management apparatus according to claim 4, comprising a determining device that compares version information indicative of versions of the first modules to be taken after update of the first modules in accordance with an instruction for updating the first

10   modules to the second modules with the version information acquired by said acquisition device to determine whether the first modules have been successfully updated.

7.   A management apparatus according to claim 6,

15   wherein said instructing device collectively instructs the monitoring apparatuses to update the first modules when said determining device ascertains that the modules have not been successfully updated.

8.   A management apparatus according to claim 6,

20   wherein the version information indicative of versions of the first modules to be taken after update of the first modules is second version information indicative of a version of each of the plurality of monitoring apparatuses as a whole, and the second version

25   information corresponds to a combination of the first modules in each of the plurality of monitoring apparatuses.

9.   A control method executed by a monitoring apparatus capable of acquiring information by communication from at least one image forming apparatus to be monitored, and communicating with a management

5   apparatus, comprising;

a communication step of carrying out communication with the management apparatus by e-mail;

a processing step of automatically updating first modules in operation, on which the monitoring apparatus

10   operates, to second modules for updating the first modules when the second modules is received from the management apparatus by e-mail in said communication step;

an information collecting step of collecting

15   version information on the first modules when a version information acquisition request is received from the management apparatus by e-mail in said communication step; and

a returning step of sending the version information

20   collected in said information collecting step to the management apparatus by return mail.

10.   A control method according to claim 12, further comprising:

a receiving step of receiving an update instruction

25   e-mail containing at least the second modules and an install script, and an acquisition request e-mail requesting acquisition of the version information

indicative of versions of respective ones of the modules
in the monitoring apparatus and a version of the
monitoring apparatus as a whole;

wherein said processing step comprises activating

5   the install script contained in the update instruction
e-mail received in said receiving step, and updating the
first modules in operation to the second modules
contained in the update instruction e-mail received in
said receiving step, and said information collecting

10   step comprises collecting the version information in
response to the acquisition request e-mail received in
said receiving step, and said returning step comprises
sending the version information collected in said
information collecting step to the management apparatus

15   by return e-mail.

11.   A control method according to claim 9,
comprising a decoding step of decoding contents of an e-
mail received in said communication step, and wherein
said processing step comprises interpreting an

20   instruction from the management apparatus from the
contents of the received e-mail decoded in said decoding
step, and performing processing according to the
interpreted contents of the e-mail.

12.   A control method executed by a management

25   apparatus capable of managing a plurality of monitoring
apparatuses that acquire information by communication
from a plurality of image forming apparatuses to be

monitored, comprising:

an instructing step of collectively instructing the plurality of monitoring apparatuses to update first modules, on which the plurality of monitoring

5 apparatuses operate, to second modules by e-mail;

an acquisition requesting step of collectively giving a request for acquisition of version information on the first modules to the plurality of monitoring apparatuses by e-mail; and

10 an acquisition step of acquiring the version information from the plurality of monitoring apparatuses as replies to e-mails for requesting acquisition of the version information sent in said acquisition requesting step.

15 13. A control method according to claim 12, wherein said instructing step comprises collectively transmitting update instruction e-mails containing at least the second modules for updating the first modules of respective ones of the plurality of monitoring

20 apparatuses and an install script to the plurality of monitoring apparatuses, said acquisition requesting step comprises collectively transmitting acquisition request e-mails for requesting acquisition of version information indicative of versions of respective ones of

25 the modules in each of the plurality of monitoring apparatuses and a version of each of the plurality of monitoring apparatuses as a whole to the plurality of

monitoring apparatuses, and said acquisition step comprises receiving the version information from the plurality of monitoring apparatuses as replies to the acquisition request e-mails transmitted in said

5 acquisition requesting step.

14. A control method according to claim 12, comprising a determining step of comparing version information indicative of versions of the first modules to be taken after update of the first modules in

10 accordance with an instruction for updating the first modules to the second modules with the version information acquired in said acquisition step to determine whether the first modules have been successfully updated.

15 15. A control method according to claim 12, wherein said instructing step comprises collectively instructing the monitoring apparatuses to update the first modules when it is determined in said determining step that the first modules have not been successfully

20 updated.

16. A control method according to claim 15, wherein the version information indicative of versions of the first modules to be taken after update of the first modules is second version information indicative

25 of a version of each of the plurality of monitoring apparatuses as a whole, and the second version information corresponds to a combination of the first

modules in each of the plurality of monitoring
apparatuses.

17.   A program for causing a computer to execute a
control method implemented by a monitoring apparatus
5   capable of acquiring information by communication from
at least one image forming apparatus to be monitored,
and communicating with a management apparatus, the
method comprising;

a communication step of carrying out communication
10   with the management apparatus by e-mail;

a processing step of automatically updating first
modules in operation, on which the monitoring apparatus
operates, to second modules for updating the first
modules when the second modules for updating the modules
15   is received from the management apparatus by e-mail in
said communication step;

an information collecting step of collecting
version information on the first modules when a version
information acquisition request is received from the
20   management apparatus by e-mail in said communication
step; and

a returning step of sending the version information
collected in said information collecting step to the
management apparatus by return mail.

25   18.   A program for causing a computer to execute a
control method implemented by a management apparatus
capable of managing a plurality of monitoring

apparatuses that acquire information by communication from a plurality of image forming apparatuses to be monitored, the method comprising:

an instructing step of collectively instructing the
5   plurality of monitoring apparatuses to update first modules, on which the plurality of monitoring apparatuses operate, to second modules by e-mail;

an acquisition requesting step of collectively giving a request for acquisition of version information
10   on the first modules to the plurality of monitoring apparatuses; and

an acquisition step of acquiring the version information from the plurality of monitoring apparatuses as replies to e-mails for requesting acquisition of the
15   version information sent in said acquisition requesting step.